Ch. 6 section 5 -- 7

1) total purchase price:

sum of items + tax − discounts

2) Unit price: $\frac{\text{price}}{\text{count of items}}$

3) Coupon: discount @ time of purchase

Example:

$$\begin{array}{r} 21.99 \\ -\ 3.00 \\ \hline 18.99 \end{array}$$

4) Rebate: - discount after purchase
- usually mail in
Ex: cell phone
TVs
computers

Example:

$159
−50
$109

5) Markdown:

amount ($) saved
amount off

Example:

$34.99
−$25.00
$9.99

7) Markdown Rate: % saved / % off

$\frac{\$ \text{ saved}}{\text{original price}}$

Example (a):

$$\frac{\$9.99}{\$34.99} = 28.55\%$$

Example (b):

$55.60
-45.10

$$\frac{\$10.50}{\$55.60} = 18.88\%$$

Example (c):

$$\frac{\$24}{\$62} = 38.71\%$$

7) Original Price: price before discount

(original) x (% pd) = sale

Example (a):

sale price: $14.95

sale %: 40% off

(orig.)(0.60) = 14.95

0.6 0.6

orig = $24.92

Example (b):

(orig) x (0.75) = 21.50

orig = $28.67

Example (c):

(orig)(0.70) = $95

$135.71

$210

30% off

$210 \times 0.70 = 147$

orig × % pd. = sale

$210 \times 0.3 = 63$

$210 - 63 = 147$

8) Percent Paid: opposite of % off

Example (a): $100\% - 41\% = 59\%$

Example (b):

$100\% - 18\% = 82\%$

EXAMPLES:

9) Find the markdown:

10) Find the markdown:

11) (a) percent paid?

(b) sale price?

Complete the book problems